

ABSTRACT OF THE DISCLOSURE

A latching system, in accordance with a first preferred embodiment of the present invention, comprises a notched post assembly, a post gripping assembly and a handle assembly, and, in preferred embodiments, a lock assembly associated with the handle assembly, wherein the notched post assembly is comprised of an elongated post formed at one end with at least two opposing, axially extending rows of notches or teeth and alternately disposed smooth surfaces and the post gripping assembly comprises a channel for accepting the notched end of the post and comprises movable latch elements which cooperate with the notches of the post to effect the primary latching function of the system; and wherein the unlatching of the post from the channel is accomplished by rotating the post to disengage the notches and the latch elements.

A door latch, in accordance with a second preferred embodiment of the present invention, comprises a post and collar gripping and release mechanism cooperatively mounted to the door and door frame of a vending machine, cabinet, or the like, to provide an initial latching function in the form of a frictional gripping of the post by the collar, and further comprises a lock assembly associated with the post and collar mechanism to provide a primary locking function and to effect release of the latching function.